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Product datasheet for MR227929

Rpl34 (NM_001287581) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl34 (NM_001287581) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rpl34
Synonyms:	1100001I22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR227929 representing NM_001287581
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTCCAGCGTTTGACATACCGCCGTAGGCTTTCCTACAACACAGCCTCTAACAAAACTAGGCTGTCTC
GAACCCCAGGCAACAGGATTGTTTACCTCTACACCAAGAAGGTTGGGAAAGCACCTAAATCTGCATGTGG
CGTGTGCCCAGGCAGACTTCGAGGGGTTCGTGCTGTGCGGCCCAAAGTCCTTATGAGACTGTCTAAGACA
CAGAAGCACGTCAGCAGGGCCTATGGCGGCTCCATGTGTGCCAAGTGTGTCCGTGACAGGATCAAGCGGG
CTTTCCTTATTGAGGAGCAGAAAATCGTTGTGAAAGTCTTGAAGGCACAAGCACAGAGTCAGAAAGCAAA
A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227929 representing NM_001287581
Red=Cloning site Green=Tags(s)

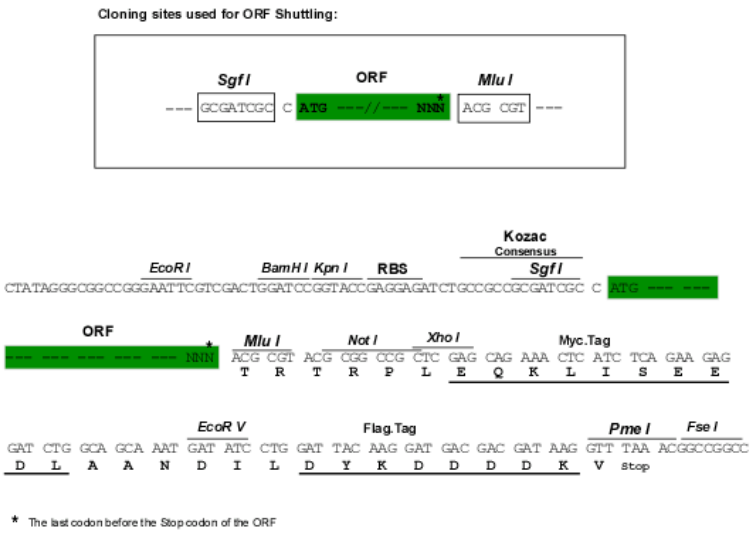
MVQRLTYRRRLSYNTASNKTRLSRTPGNRIVYLYTKKVGKAPKSACGVCPGRLRGVRAVRPKVLMRLSKT
QKHVSRAYGGSMCAKCVRDRIKRAFLIEEQKIVVKVLKAQAQSQKAK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

View online »

Cloning Scheme:



ACCN:	NM_001287581
ORF Size:	351 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001287581.1, NP_001274510.1
RefSeq Size:	560 bp
RefSeq ORF:	354 bp
Locus ID:	68436

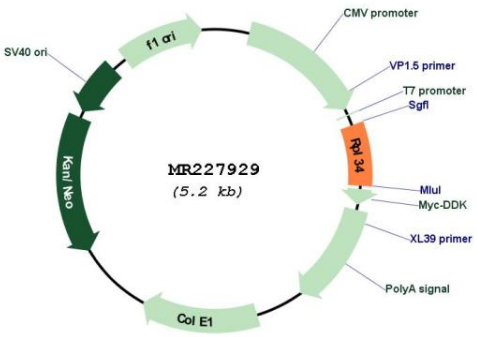
UniProt ID: Q9D1R9

Cytogenetics: 3 G3

MW: 13.3 kDa

Gene Summary: Component of the large ribosomal subunit.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227929